

Reaction mechanism

Etherification kinetics
Halogenation kinetics
Hydrogen transfer kinetics
Inclusion reaction kinetics
Ionization kinetics
Ion-molecule reaction kinetics
Isomerization kinetics
Maillard reaction kinetics
Metalation kinetics
Nitriding kinetics
Nitrification kinetics
Passivation kinetics
Polymerization kinetics
Protonation kinetics
Rearrangement kinetics
Redox reaction kinetics
Reforming kinetics
Ring opening kinetics
Silylation kinetics
Sintering kinetics
Solid state reaction kinetics
Solvation kinetics
Solvolytic kinetics
Substitution reaction kinetics
Sulfidation kinetics
Surface reaction kinetics
Transition state theory
Water gas shift reaction kinetics

See also related:

Activation energy
Activation enthalpy
Activation entropy
Activation volume
Cage effect
Catalysis
Damkohler number
Enthalpy
Free energy of activation
Potential energy surface
Reaction
Reaction mechanism
Reaction scattering

Reaction mechanism

See also narrower:

Leaving group effects
Neighboring group participation
Salt effect
Transition state structure

See also related:

Catalysis
Reaction
Reaction kinetics

Reactive azo dyes

Reactive Azo Violet

See Cuprate(4-), [5-[(4-chloro-6-[(3-sulfophenyl)-amino]-1,3,5-triazin-2-yl)amino]-4-(hydroxy-κO)-3-[(2-(hydroxy-κO)-5-sulfophenyl)azo-κN¹]-2,7-naphthalenedisulfonato(6-)]-], tetrahydrogen [56413-27-5]

Reactive Black KNB

See 2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3,6-bis[(4-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)azo]-, tetrasodium salt [17095-24-8]

Reactive Blue KN-R

See 2-Anthracenesulfonic acid, 1-amino-9,10-dihydro-9,10-dioxo-4-[(3-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)amino]-, disodium salt [2580-78-1]

Reactive Blue K 3R

See 2-Anthracenesulfonic acid, 1-amino-4-[(3-[(4-chloro-6-ethoxy-1,3,5-triazin-2-yl)amino]-2,4,6-trimethyl-5-sulfophenyl)amino]-9,10-dihydro-9,10-dioxo-, disodium salt [12677-16-6]

Reactive Brilliant Blue

See Cuprate(3-), [29H,31H-phthalocyanine-C,C,C-trisulfonato(5-)-κN²⁹,κN³⁰,κN³¹,κN³²]-, trisodium [1330-39-8]

Reactive Brilliant Blue KGR

See 2-Anthracenesulfonic acid, 1-amino-4-[(3-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-sulfophenyl)amino]-9,10-dihydro-9,10-dioxo-, disodium salt [72857-35-3]

Reactive Brilliant Blue M-BR

See 2-Anthracenesulfonic acid, 1-amino-4-[(3-[(4-chloro-6-[(4-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)amino]-1,3,5-triazin-2-yl)amino]-4-sulfophenyl)amino]-9,10-dihydro-9,10-dioxo-, trisodium salt [80156-95-2]

Reactive Brilliant Orange KKh

See 1,4-Benzenedisulfonic acid, 2-[(6-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-5-methyl-, [52468-35-6]

Reactive Brilliant Red K 2BP

See 2,7-Naphthalenedisulfonic acid, 5-[(4-chloro-6-[(2-chlorophenyl)amino]-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-sulfophenyl)azo]-, trisodium salt [70852-01-6]

Reactive Brilliant Red K 2G

See 1,7-Naphthalenedisulfonic acid, 4-[(4-chloro-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-5-hydroxy-6-[(2-sulfophenyl)azo]-, tetrasodium salt [120583-34-8]

Reactive Brilliant Red 6S

See 2,7-Naphthalenedisulfonic acid, 5-[(4-chloro-6-(methylphenylamino)-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(4-methyl-2-sulfophenyl)azo]-, trisodium salt [70210-46-7]

Reactive Brilliant Red 5SKh

See 2,7-Naphthalenedisulfonic acid, 5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-(phenylazo)-, disodium salt [17804-49-8]

Reactive Brilliant Red 5ST

See 2,7-Naphthalenedisulfonic acid, 5-(acetylamino)-4-hydroxy-3-[(2-methoxy-5-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)azo]-, trisodium salt [85455-35-2]

Reactive Brilliant Red X 3B

See 2,7-Naphthalenedisulfonic acid, 5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-(phenylazo)-, disodium salt [17804-49-8]

Reactive Brilliant Sky Blue KKh

See 2-Anthracenesulfonic acid, 1-amino-4-[(3-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-sulfophenyl)amino]-9,10-dihydro-9,10-dioxo-, disodium salt [4499-01-8]

Reactive Cationic Yellow F-GL

See 1-Propanaminium, 3-[(4-fluoro-6-[(4-methylphenyl)azo]phenyl)amino]-1,3,5-triazin-2-yl]amino]-N,N,N-trimethyl-, chloride [202221-13-4]

Reactive dyeing

See also related: Reactive dyes

Reactive dyes

See also narrower: Reactive azo dyes

See also related: Reactive dyeing

Reactive extrusion

Valid heading during volumes 129-130 (July 1998-June 1999) only

See Extrusion of plastics and rubbers, reactive

Reactive flow

Valid heading during volumes 129-130 (July 1998-June 1999) only

See Flow, reactive

Reactive Golden Yellow KKh

See 1,5-Naphthalenedisulfonic acid, 3-[(4-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-2-methylphenyl)azo]-, disodium salt [12226-45-8]

Reactive Golden Yellow 2KKh

See 1,5-Naphthalenedisulfonic acid, 3-[(4-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-2-methylphenyl)azo]-, disodium salt [12226-45-8]

Reactive Golden Yellow K-MG

See Benzenesulfonic acid, 4-[(4-[(2,5-dimethoxy-4-[(2-sulfoethyl)sulfonyl]phenyl)azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]-, disodium salt [140219-63-2]

Reactive ion etching

Valid heading during volumes 126-130 (1997-June 1999) only

See

Etching

sputter, ion-beam, reactive

Sputtering

etching, ion-beam, reactive

Reactive Light Yellow K 4G

See 1,4-Benzenedisulfonic acid, 2-[(4-chloro-6-[(3-[(4,5-dihydro-3-methyl-5-oxo-1-(3-sulfophenyl)-1H-pyrazol-4-yl)azo]-4-sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-, tetrasodium salt [147444-92-6]

Reactive nitrogen species

Reactive Orange KE 2G

See 1,4-Benzenedisulfonic acid, 2,2'-[1,2-ethenediylbis(3-sulfo-4,1-phenylene)imino(6-chloro-1,3,5-triazine-4,2-diyl)imino(1-hydroxy-3-sulfo-7,2-naphthalenediyl)azo]bis-, octasodium salt [216656-36-9]

Reactive Orange MG

See C.I. Reactive Orange 20 [12225-91-1]

Reactive Orange 3R

See 2-Naphthalenedisulfonic acid, 6-(acetylamino)-4-hydroxy-3-[(4-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)azo]-, disodium salt [20262-58-2]

Reactive Orange ZhT

See 1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[(2-methoxy-5-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)azo]-, trisodium salt [101961-43-7]

Reactive oxygen species

See also related: Fenton reaction

Reactive Red B 5A

See 2,7-Naphthalenedisulfonic acid, 5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-(phenylazo)-, disodium salt [17804-49-8]

Reactive Red Brown 2KT

See Cuprate(3-), [4-[(8-(hydroxy-κO)-7-[(2-(hydroxy-κO)-5-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)azo-κN¹]-5-sulfo-2-naphthalenyl)amino]benzoato(5-)]-, dipotassium hydrogen [11111-81-2]

Reactive Red K 2BP

See 2,7-Naphthalenedisulfonic acid, 5-[(4-chloro-6-[(2-chlorophenyl)amino]-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-sulfophenyl)azo]-, trisodium salt [70852-01-6]

Reactive Red KE 3B

See 2,7-Naphthalenedisulfonic acid, 4,4'-[1,4-phenylenebis(imino(6-chloro-1,3,5-triazine-4,2-diyl)imino)]bis(5-hydroxy-6-[(2-sulfophenyl)azo]-, hexasodium salt [68214-04-0]

Reactive Red M 2B

See 2,7-Naphthalenedisulfonic acid, 5-[(4-chloro-6-[(4-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)amino]-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-sulfophenyl)azo]-, tetrasodium salt [23354-53-2]

Reactive Red 5SKh

See 2,7-Naphthalenedisulfonic acid, 5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-(phenylazo)-, disodium salt [17804-49-8]

Reactive Red Violet 2KT

See Cuprate(3-), [5-(acetylamino)-4-(hydroxy-κO)-3-[(2-(hydroxy-κO)-5-[(2-(sulfoxy)ethyl]

sulfonyl]phenyl)azo-κN¹]-2,7-naphthalenedisulfonato(5-)]-, trisodium [12769-08-3]

Reactive Red X

See 1,5-Naphthalenedisulfonic acid, 2-[(8-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-3,6-disulfo-2-naphthalenyl)azo]- [202198-21-8]

Reactive Red X 3B

See 2,7-Naphthalenedisulfonic acid, 5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-(phenylazo)-, disodium salt [17804-49-8]

Reactive Scarlet 2SKh

See C.I. Reactive Red 16 [12238-07-2]

Reactive scattering

See also narrower:

Dissociative electron capture

Electron impact dissociation

See also related:

Atomic collisions

Cluster collisions

Dissociative atomization

Dissociative photoionization

Ionic collisions

Molecular collisions

Molecular dynamics

Predissociation

Reaction kinetics

Reactive sintering

Valid heading during volumes 126-130 (1997-June 1999) only

See Sintering, reactive

Reactive Sky Blue 4Z

See 2-Anthracenesulfonic acid, 1-amino-4-[(4-[(4-chloro-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-phenyl)amino]-9,10-dihydro-9,10-dioxo-, disodium salt [92881-32-8]

Reactive sputtering

Reactive vapor deposition

Valid heading during volumes 126-130 (1997-June 1999) only

See Vapor deposition process, reactive

Reactive Violet H 2R

See 2,7-Naphthalenedisulfonic acid, 5-[(4-chloro-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(4-methoxyphenyl)azo]-, trisodium salt [143823-99-8]

Reactive Violet 4K

See Cuprate(3-), [5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-(hydroxy-κO)-3-[(2-(hydroxy-κO)-5-sulfophenyl)azo-κN¹]-2,7-naphthalenedisulfonato(5-)]aqua-, trisodium [56646-12-9]

Reactive Violet K 3R

See Cuprate(4-), [5-[(4-chloro-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-4-(hydroxy-κO)-3-[(2-(hydroxy-κO)-5-sulfophenyl)azo-κN¹]-2,7-naphthalenedisulfonato(6-)]-, tetrasodium [75214-66-3]

Reactive Yellow K-RN

See 1,5-Naphthalenedisulfonic acid, 2-[(2-(acetylamino)-4-[(4-chloro-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-6-sulfophenyl)azo]-, tetrasodium salt [216655-63-9]

Reactive Yellow 2KT

See Benzenesulfonic acid, 4-[(4,5-dihydro-4-[(2-methoxy-5-[(2-(sulfoxy)ethyl)sulfonyl]phenyl)azo]-3-methyl-5-oxo-1H-pyrazol-1-yl]-, disodium salt [31237-03-3]

Reactive Yellow M 3GP

See Benzenesulfonic acid, 4-[(4-chloro-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl)amino]-2-[(1-(2,5-dichloro-4-sulfophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl)azo]-, trisodium salt [50662-99-2]

Reactive Yellow X

See 1,5-Naphthalenedisulfonic acid, 3-[(2-(acetylamino)-4-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-5-methoxyphenyl)azo]- [116929-75-0]

Reactivity

See Reactivity (chemical)

Reactivity (chemical)

See also narrower:

Electrophilicity

Explosibility

Flammability

Nucleophilicity

Oxidizability

Passivity

Q-e value in polymerization

Reactivity ratio in polymerization

Reducibility

See also related:

FMO (molecular orbital)

Linear free energy relationship

Reaction

Stability

Steric effects

Reactivity ratio in polymerization

See also related:

Polymerization

Q-e value in polymerization

Reactivity ratio in radical polymerization

Valid heading during volumes 126-130 (1997-June 1999) only

See Reactivity ratio in polymerization, radical

Reactofil Black BL

See C.I. Reactive Black 24 [12731-59-8]

Reactofil Blue 2GL

See C.I. Reactive Blue 83 [12731-65-6]

Reactofil Blue 2RLD

See C.I. Reactive Blue 84 [12731-66-7]

Reactofil Brilliant Red 2B

See C.I. Reactive Red 90 [12731-73-6]

Reactofil Brilliant Red GL

See C.I. Reactive Red 91 [12731-74-7]